

1/8

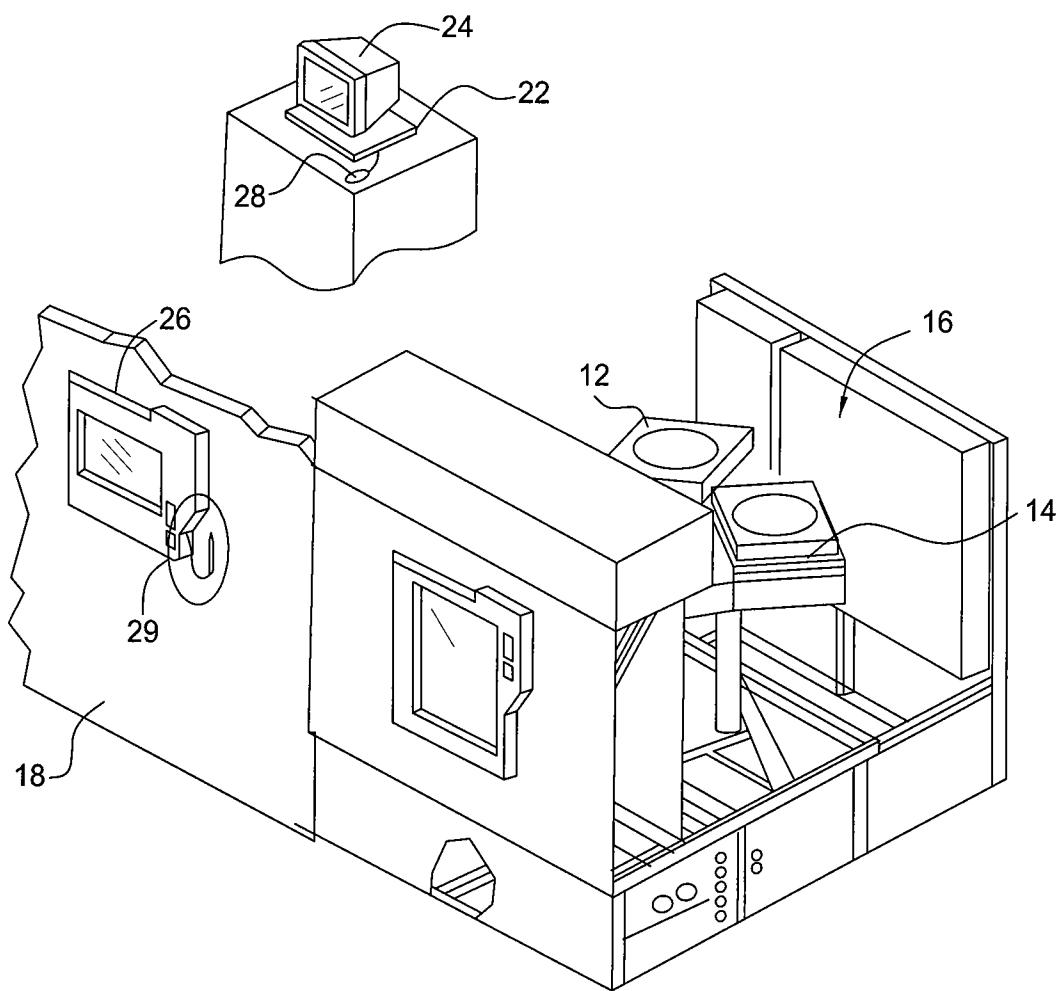


FIG. 1

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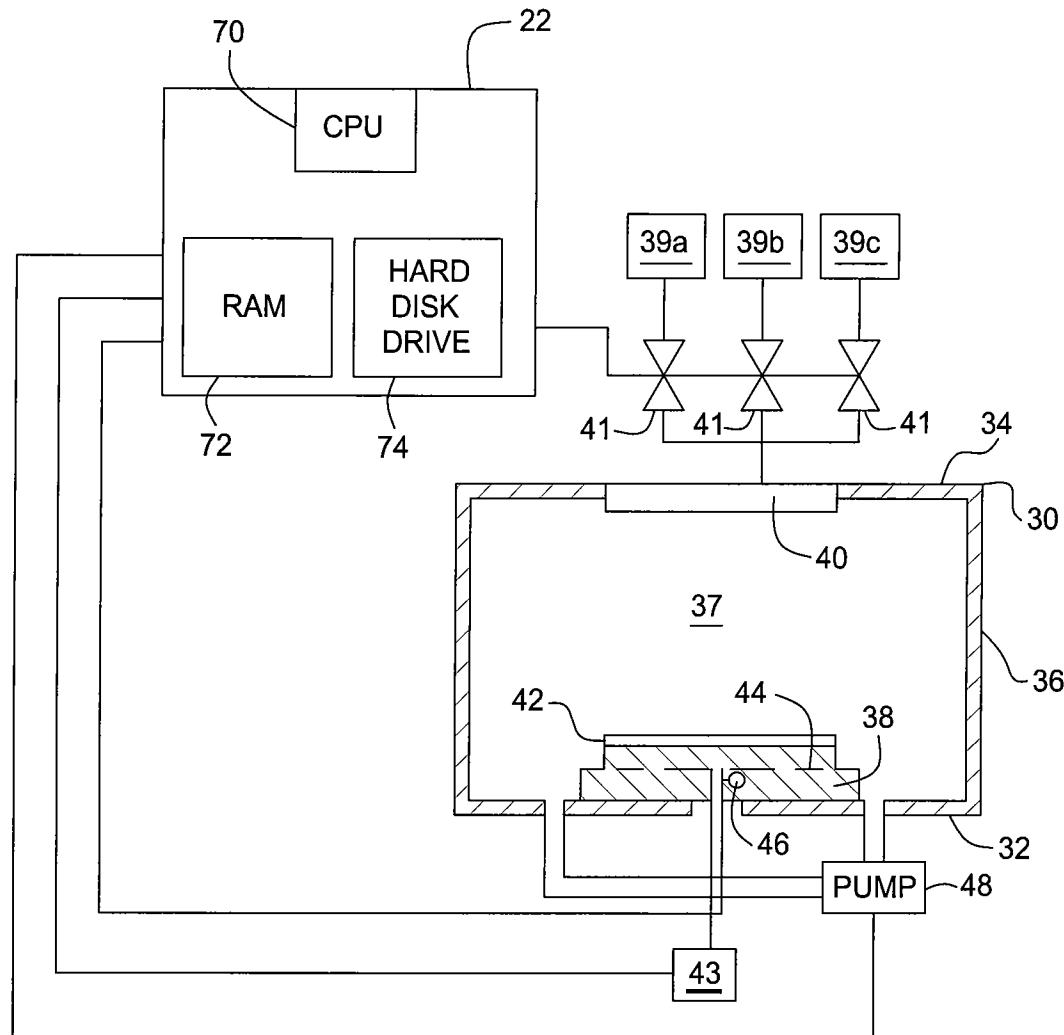


FIG. 2

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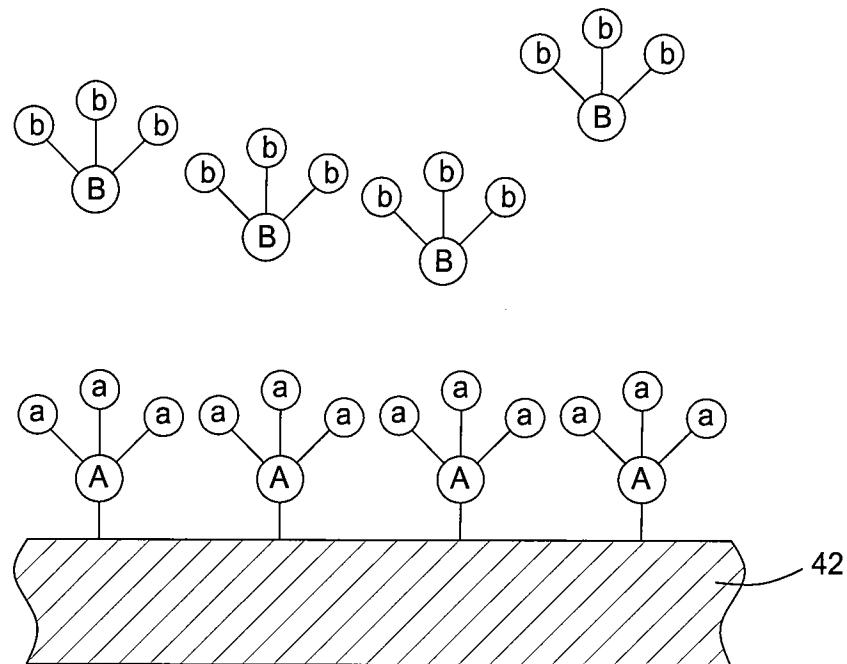


FIG. 3

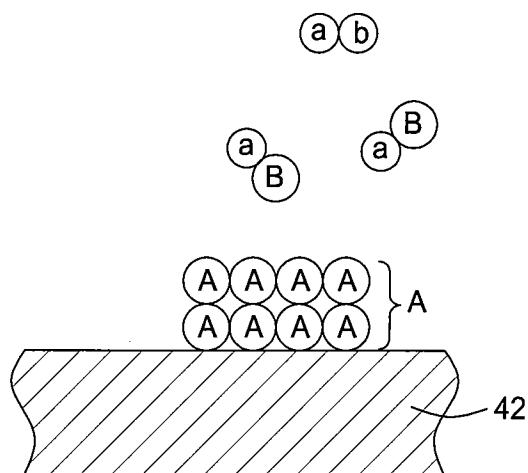
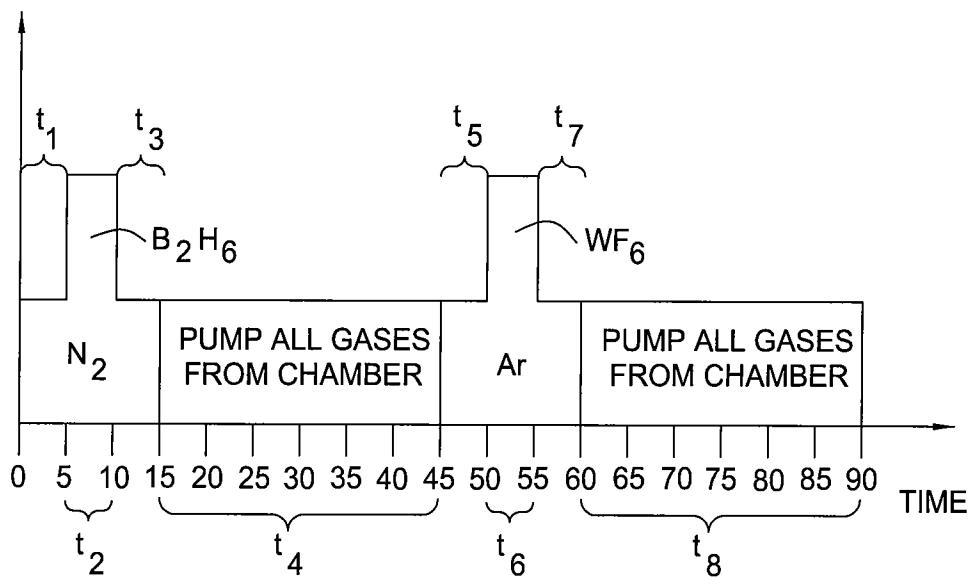
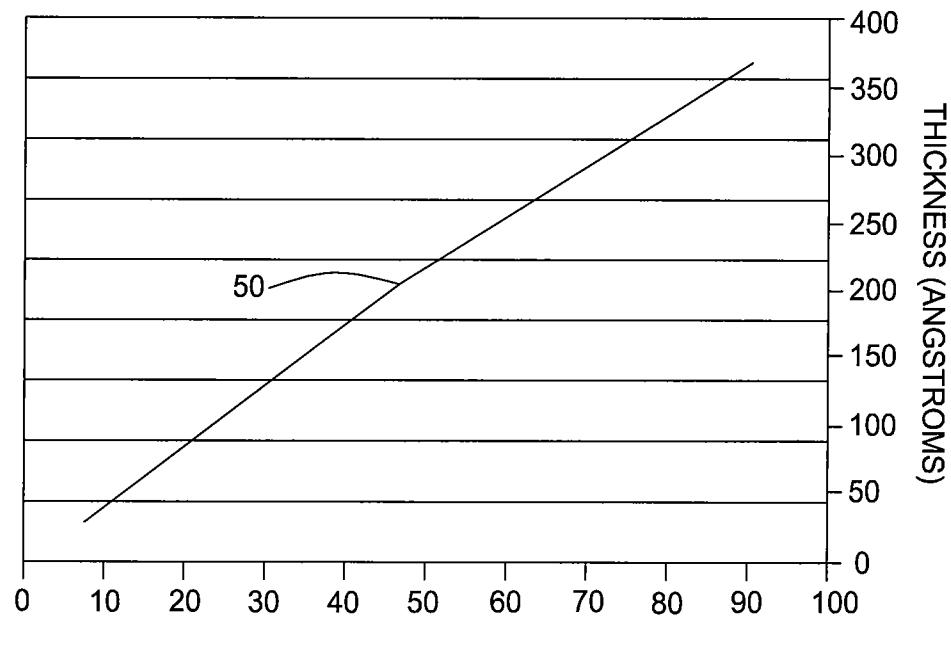


FIG. 4

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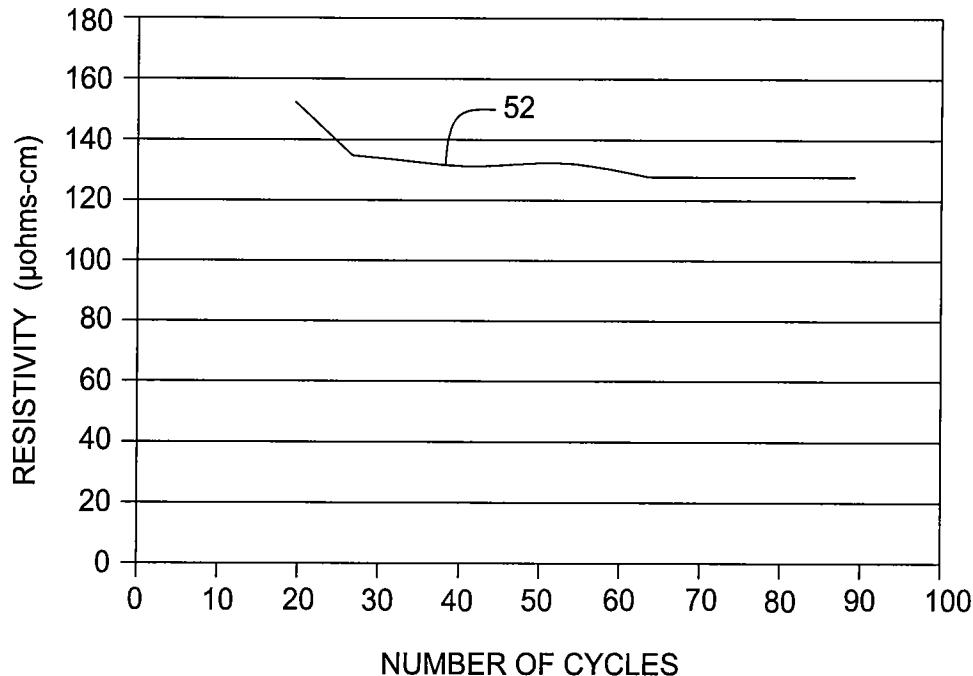


**FIG. 5**



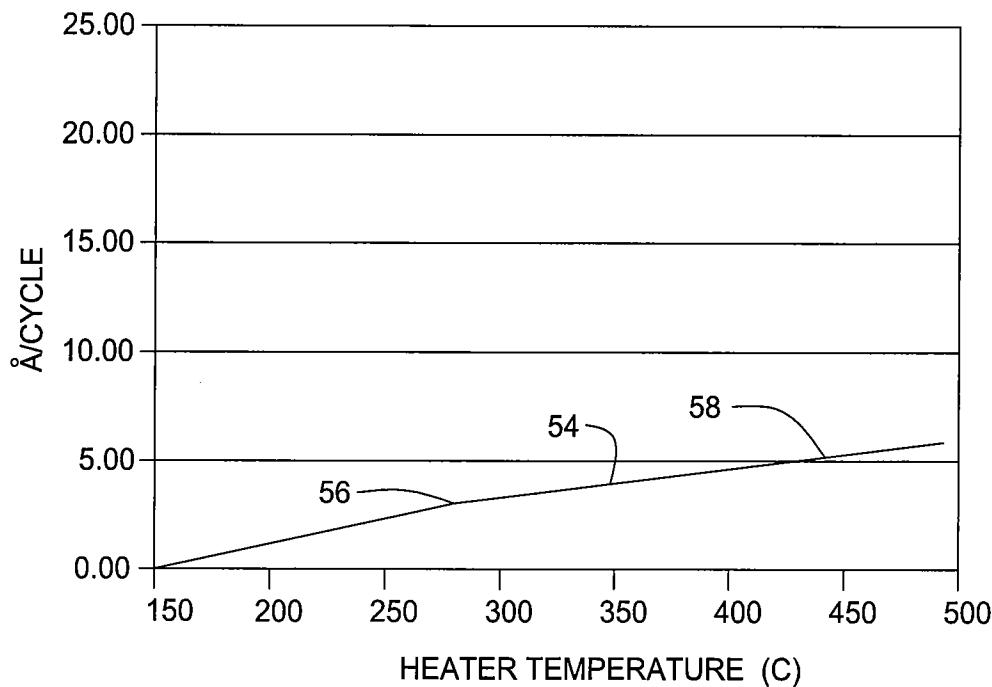
**FIG. 6**

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NUMBER OF CYCLES

FIG. 7



HEATER TEMPERATURE (C)

FIG. 8

REPLACEMENT SHEET  
ATTY DKT. NO.: APPM/004714.P1/TCG/WCVD/PJS  
U.S. SERIAL NO.: 09/678,266 CONFIRMATION: 4642  
FILED: OCTOBER 3, 2000  
APPLICANT: APPLIED MATERIALS, INC.  
TITLE: METHOD AND APPARATUS FOR DEPOSITING REFRACTORY METAL  
LAYERS EMPLOYING TECHNIQUES TO FORM A NUCLEATION LAYER  
INVENTOR: KORI, ET AL. SHEET 6 OF 8

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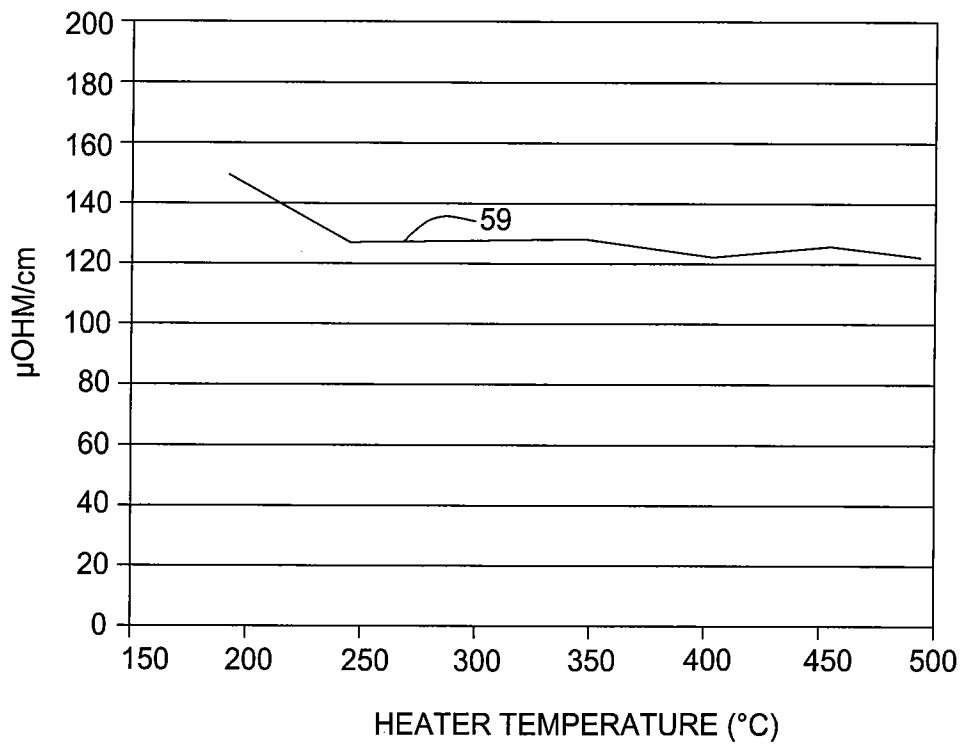


FIG. 9

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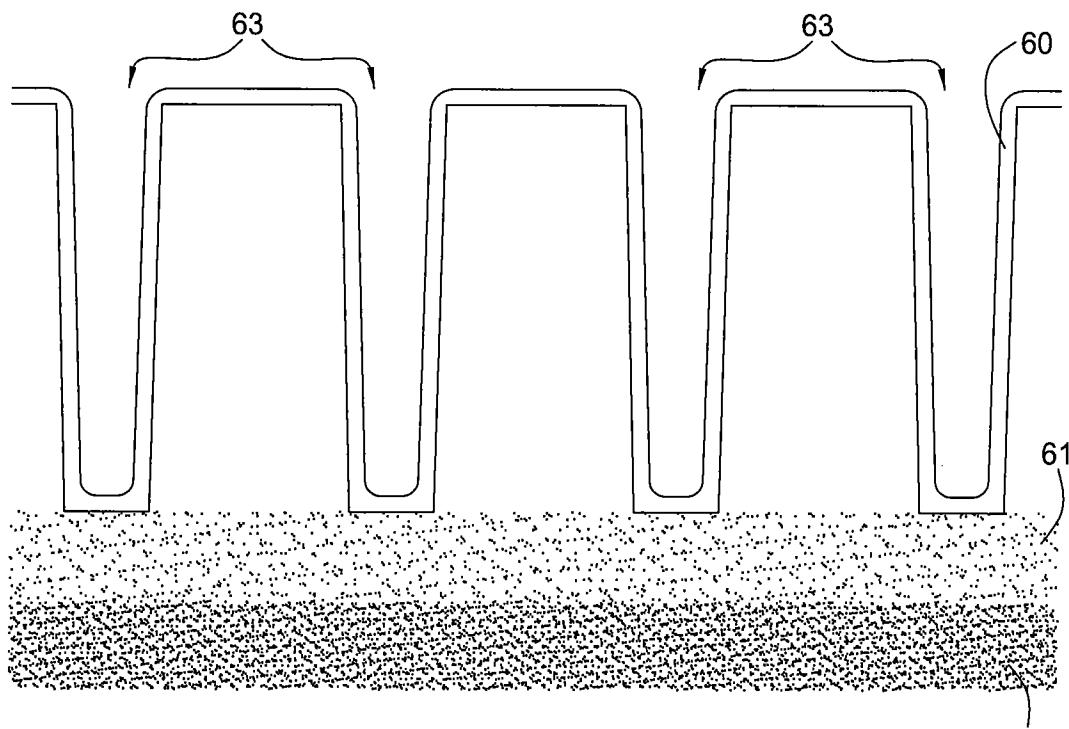


FIG. 10

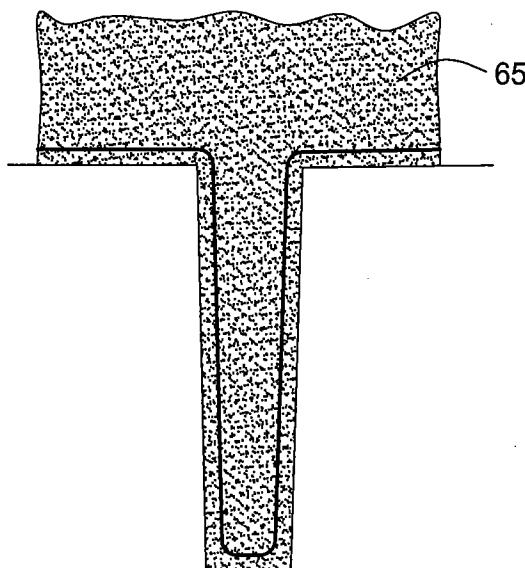


FIG. 11

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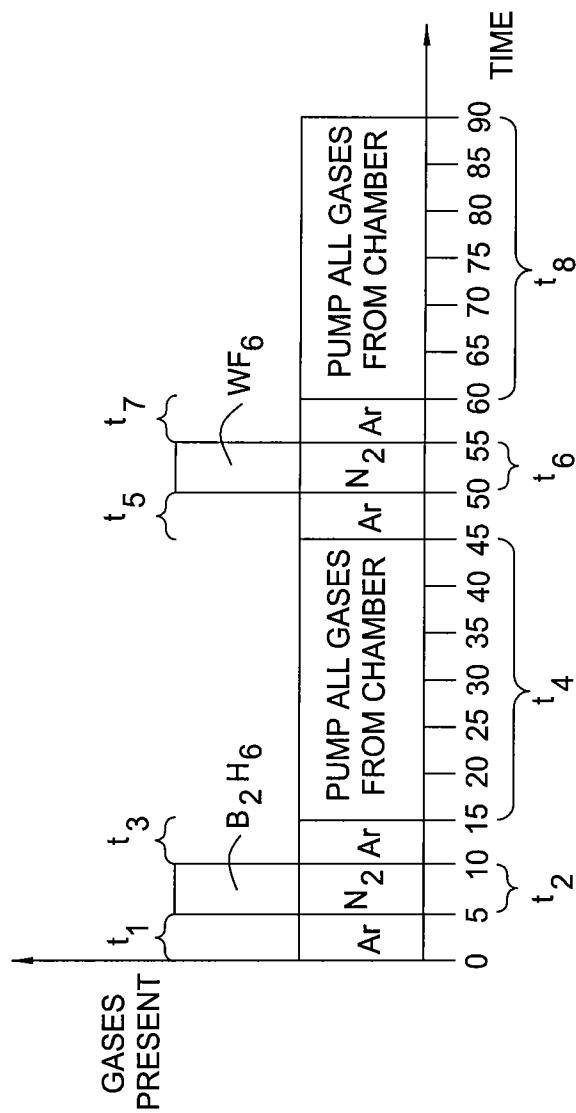


FIG. 12